

Appl. No. : 09/528,742  
Filed : March 20, 2000

- (i) a first domain comprising a chemical moiety capable of covalently and non-specifically binding to a molecule exposed on the luminal surface of a cell lining a perfusible space *in situ* or *in vivo*,
- (ii) a second domain comprising a labeling domain, and
- (iii) a third domain situated between the first and second domains linking the first domain to the second domain by a cleavable chemical moiety, wherein the cleavable chemical moiety will not cleave under *in vivo* conditions, and further wherein the cell membrane impermeable reagent is sulfosuccinimidyl-2-(biotinamido)ethyl-1,3-dithiopropionate; and
- (b) administering the membrane impermeable reagent into the perfusible space in an intact organ or an intact animal to react the cell membrane impermeable reagent with the molecule expressed on the luminal surface of the cell lining the perfusible space to label a lumen-exposed molecule.

REMARKS

Claim 55 has been amended to correct a typographical error.

The specific changes to the amended claims are shown on a separate page attached hereto and entitled VERSION WITH MARKINGS TO SHOW CHANGES MADE, which follows the signature page of this Amendment. On this page, the insertions are underlined while the [deletions are enclosed within brackets].

Response to Notice of Non-Compliant Amendment

The Restriction Requirement mailed July 5, 2001, Paper No. 9, required Applicant to elect a species of cell membrane impermeable reagent comprising the following domains: (a) a specific species of chemical moiety capable of covalently and non-specifically binding to a lumen-exposed molecule, (b) a specific species of binding domain, and (c) a specific species of cleavable chemical moiety. Claim 55 was added in response to this requirement. This claim recites, in part, a cell membrane impermeable reagent comprising three domains wherein the cell membrane impermeable reagent is sulfosuccinimidyl-2-(biotinamido)ethyl-1,3-dithiopropionate. Following this amendment, the Applicant received a Notice of Non-Complaint Amendment